Ramana Krishnam Raju Kalidindi

Software Engineer

Enthusiastic Software Developer with a strong product mindset, eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Proficient in thriving under pressure and adapting to evolving situations and challenges. Motivated to learn, grow, and excel in this field.

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WORK EXPERIENCE

Software Engineer
Sopheon UK Limited

02/2023 - 07/2024

Responsibilities

- Developed new features and fixed bugs and performance issues - Utilized React, Redux, TypeScript, Jest, AWS, Laravel, Python, and GraphQL.
- Created a library of reusable components in Storybook, enhanced search functionality with ElasticSearch and implemented analytics in Python.
- Engaged in pair programming sessions, conducted code reviews, and collaborated with product, UX and design teams.
- Followed Agile practices - Kanban and Sprints, with a focus on TDD.

Angular Developer Intern
Multiscale Technologies Inc, India

04/2021 - 07/2021

Responsibilities

- Designed and maintained responsive user interfaces using Angular Material, HTML, Bootstrap, and CSS.
- Collaborated with team members to achieve target results.

Android Developer Intern
M3bi India Pvt Ltd, India

05/2019 - 06/2019

Responsibilities

- Built an end-to-end android application prototype using Kotlin programming language and Material design.
- Communicated with client's product manager and stakeholders.

Android Developer Intern
Maple Software Pvt Ltd, India

05/2018 - 06/2018

Responsibilities

- Acted as a technical intern lead for the team.
- Developed an application in Android studio using JAVA, integrated REST APIs and thoroughly documented the entire development process.

EDUCATION

Master of Science (MSc) in Computing Science
University of Glasgow, United Kingdom

09/2021 - 09/2022

Courses

- Data Science, Big Data, Information Retrieval, Web Science, Deep Learning

Bachelor of technology (B.Tech) in Computer Science
International Institute of Information Technology Bhubaneswar, India

08/2016 - 08/2020

Courses

- Data Structures, Relational Database Management Systems, Internet Of Technology, Digital Image Processing, Cryptography

SKILLS

Programming: React, Python, Javascript, Typescript, AWS, HTML, CSS, SASS, GraphQL, Laravel, NodeJS, mongoDB, Jest, Shell scripting, C#, C++, Java, Git, Github, Angular Material, C#, Bootstrap, MySQL, Playwright, Kotlin, Spark, Linux, Microsoft Office, Unity, LaTeX

Soft Skills: Problem-solving, Leadership, Communication, Time Management, Attention to detail, Adaptability

PROJECTS

RingAuth
- Designed a novel user authentication method for virtual reality using C#, Unity, and Oculus Quest. Additionally, user studies were conducted to compare the existing keypad authentication to the new technique.

Colon cancer study
- Deep learning techniques were used to classify the images of cell nuclei. Created a custom convolutional neural network to distinguish colon cells into healthy and cancerous tissue.

BikeStop
- Developed a bike-sharing system for the city of Glasgow that allows users to rent, return, and report bikes. Flask framework was used to develop this software along with MySQL for the database.

Proxy Re-encryption
- Proxy Re-encryption allows a message encrypted for one user to be modified so another user can decrypt it with their secret key, without the proxy accessing the original message or private keys. Implemented using the Charm framework in Python.

Car Data Analysis
- Analyzed a car dataset to find the features that majorly effect the price of the car and created a regression model to predict the price. Overpriced and underpriced cars were also identified.

ACHIEVEMENTS

- Secured Proficiency Award for being the school topper in Computer Science and Physics in XII standard.

- Served as a Captain of Timpany School.

- I was one of the rank openers of IIIT Bhubaneswar.

- Awarded the title Mr. Timpany for being the Best All-Round Performer in academics and sports.

INTERESTS

Front-End development   Full Stack Development

Data Analysis   Data Science   Virtual Reality

Augmented Reality   Android Development